

AMENDMENTS TO THE CLAIMS:

Please cancel claims 24-25 and 36-37. Claims 26-35 and 38-43 are currently amended.

The following listing of claims will replace all prior versions of claims in the present application. No new matter has been added to the claims.

Listing of Claims:

24-25. (Canceled)

26. (Currently amended) ~~The A~~ portable electronic object ~~according to claim 25,~~
including

(a) a first user interface;

(b) at least one second user interface;

(c) a management unit for said user interfaces including first and at least second processing means respectively associated with said first and at least second user interfaces;

(d) means for measuring at least one external parameter linked to at least one of said user interfaces, said measuring means being connected to said management unit;

(e) comparison means for comparing a level of said measured external parameter to a predefined level of said external parameter; and

(f) control means arranged for activating or deactivating said processing means associated with said user interface linked to the measured external parameter as a function of a result of the comparison,

wherein the portable electronic object further comprises :

_____ (g) means for selecting a user interface from among said user interfaces having associated processing means that are not deactivated, in accordance with a determined criterion, wherein

_____ said first user interface includes sound signal reception means, said first associated processing means being sound signal processing means,

_____ said second user interface includes control members and display means, said second associated processing means being control member processing means,

_____ said measuring means include

an ambient noise sensor for measuring an ambient noise level, said management unit also including first comparison means for comparing said ambient noise level to a predefined noise level, said control means being arranged for deactivating the sound signal processing means when the ambient noise level exceeds the predefined noise level,

_____ wherein the measuring means further comprise

a light sensor for measuring a received light level, said management unit also including second comparison means for comparing said received light level to a predefined light level, said control means also being arranged for deactivating said control member processing means when the received light level passes below the predefined light level,

_____ wherein said control members are a tactile crystal including at least two electrodes,

_____ wherein said portable object also includes

(h) means for detecting activation of each of said at least two electrodes, said detection means being connected to said management unit;

_____ and wherein said control means are also arranged for deactivating said control member processing means when simultaneous activation of said at least two electrodes is detected.

27. (Currently amended) The portable electronic object according to claim ~~25~~26, further including

(hi) a third user interface including radio-frequency signal reception means and said display means,

said management unit also including radio-frequency signal processing means and wherein said control means are also arranged for deactivating said radio-frequency signal processing means when the received light level passes below the predefined light level.

28. (Currently amended) ~~The A portable electronic object according to claim 25,~~ further, including

(a) a first user interface;

(b) at least one second user interface;

(c) a management unit for said user interfaces including first and at least second processing means respectively associated with said first and at least second user interfaces;

(d) means for measuring at least one external parameter linked to at least one of said user interfaces, said measuring means being connected to said management unit;

(e) comparison means for comparing a level of said measured external parameter to a predefined level of said external parameter; and

(f) control means arranged for activating or deactivating said processing means associated with said user interface linked to the measured external parameter as a function of a result of the comparison,

wherein the portable electronic object further comprises :

(g) means for selecting a user interface from among said user interfaces having associated processing means that are not deactivated, in accordance with a determined criterion, wherein

said first user interface includes sound signal reception means, said first associated processing means being sound signal processing means,

said second user interface includes control members and display means, said second associated processing means being control member processing means,

said measuring means include

an ambient noise sensor for measuring an ambient noise level, said management unit also including first comparison means for comparing said ambient noise level to a predefined noise level, said control means being arranged for deactivating the sound signal processing means when the ambient noise level exceeds the predefined noise level,

wherein the measuring means further comprise

a light sensor for measuring a received light level, said management unit also including second comparison means for comparing said received light level to a predefined light level, said control means also being arranged for deactivating said control member processing means when the received light level passes below the predefined light level;

wherein said portable object also includes

(h) an unwanted frequency sensor for measuring an unwanted frequency level, said control unit including third comparison means for comparing said measured unwanted frequency level to a predefined frequency level, said control means also being arranged for deactivating the radio-frequency signal processing means when the unwanted frequency level exceeds the predefined frequency level.

29. (Currently amended) The portable electronic object according to claim 28, further including

(i) means for measuring an acceleration level of said portable object; and

(j) fourth comparison means for comparing the measured acceleration level to a predefined acceleration level, said management unit control means being capable of deactivating the various user interface processing means when the measured level exceeds the predefined level.

30. (Currently amended) The portable electronic object according to claim 27, further including

~~(i)~~(j) warning means activated to warn the user in the event of deactivation of said sound signal, control member or radio-frequency signal processing means.

31. (Currently amended) The portable electronic object according to claim ~~25~~ 27, wherein said display means in association with a diode are used as the light sensor, wherein said sound signal reception means are also used as the ambient noise sensor and wherein the radio-frequency signal reception means are also used as ~~the~~ an unwanted frequency sensor.

32. (Currently amended) ~~The A~~ portable electronic object according to claim 24
including

- (a) a first user interface;
- (b) at least one second user interface;
- (c) a management unit for said user interfaces including first and at least second processing means respectively associated with said first and at least second user interfaces;
- (d) means for measuring at least one external parameter linked to at least one of said user interfaces, said measuring means being connected to said management unit;
- (e) comparison means for comparing a level of said measured external parameter to a predefined level of said external parameter; and
- (f) control means arranged for activating or deactivating said processing means associated with said user interface linked to the measured external parameter as a function of a result of the comparison,

wherein the portable electronic object further comprises :

(g) means for selecting a user interface from among said user interfaces having associated processing means that are not deactivated, in accordance with a determined criterion, wherein the ~~application~~-predetermined criterion is selected in accordance with the following criteria:

the energy consumption level of each of the user interfaces that can be used, that having the lowest consumption being selected;

the estimated data introduction mean speed, that offering the highest speed being selected.

33. (Currently amended) The Portable electronic object according to claim 30,
wherein said warning means include

- i. first warning means of the acoustic alarm type;
- ii. second warning means of the vibrating alarm type; and
- iii. third warning means of the flashing alarm type;

and wherein said management unit further includes

means for selecting between said first, second and third warning means as a function
of at least one predetermined criterion.

34. (Currently amended) The portable electronic object according to claim ~~24~~26,
wherein the portable object is a diary watch.

35. (Currently amended) The portable electronic object according to claim ~~24~~26,
wherein the management unit also includes means for determining an interface based on a
fuzzy logic method when no interface can ~~be~~is a priori ~~be~~ used.

36-37. (Canceled)

38. (Currently amended) ~~A~~The method of determining a user interface of a
portable electronic object according to claim 37, including a first user interface, at least a
second user interface, a management unit for said user interfaces including first and at least
second processing means respectively associated to said first and at least second user
interfaces, the method including the following operations:

_____ (a) carrying out a measurement of at least one external parameter linked to at least one of said user interfaces by means of a sensor for sensing the level of the external parameter, the sensor being connected to the management unit;

_____ (b) comparing the measured external parameter level to a predefined external parameter level;

_____ (c) deactivating said processing means associated to the user interface linked to the measured external parameter in accordance to the result of the comparison; wherein the method includes the following additional operation :

_____ (d) selecting a user interface among the user interfaces having associated processing means that are not activated in accordance with a predetermined criterion; wherein

_____ the portable electronic object includes

said first user interface;

said at least one second user interface;

said management unit for said user interfaces including first and at least second processing means respectively associated with said first and at least second user interfaces;

means for measuring at least one external parameter linked to at least one of said user interfaces, said measuring means being connected to said management unit;

comparison means for comparing a level of said measured external parameter to a predefined level of said external parameter; and

control means arranged for activating or deactivating said processing means associated with said user interface linked to the measured external parameter as a function of the result of the comparison;

means for selecting a user interface from among said user interfaces having associated processing means that are not deactivated, in accordance with a determined criterion, wherein

said first user interface includes sound signal reception means, said first associated processing means being sound signal processing means;

said second user interface includes control members and display means, said second associated processing means being control member processing means; and

_____ said measuring means include an ambient noise sensor for measuring an ambient noise level,

said management unit also including first comparison means for comparing said ambient noise level to a predefined noise level, said control means being arranged for deactivating the sound signal processing means when the ambient noise level exceeds the predefined noise level,

_____ wherein the measuring means further comprise

a light sensor for measuring a received light level, said management unit also including second comparison means for comparing said received light level to a predefined light level, said control means also being arranged for deactivating said control member processing means when the received light level passes below the predefined light level; wherein

_____ for the first user interface the following operations are carried out:

_____ (e) carrying out a measurement of the ambient noise level by means of an ambient noise sensor connected to the management unit;

_____ (f) comparing the measured ambient noise level to a predefined noise level; and

_____ (g) deactivating said first processing means when the measured ambient noise level exceeds the predefined noise level;

_____ and wherein the following operations are carried out for the second user interface:

(h) carrying out a measurement of the received light level by means of a light sensor connected to said management unit;

- (i) comparing the measured received light level to a predefined light level; and
- (j) deactivating said second processing means when the measured received light level passes below the predefined light level, ~~said portable object~~

_____ wherein said second user interface includes a tactile crystal including at least two electrodes and display means and wherein a third user interface is provided, said third user interface including radio-frequency signal reception means and said display means, said management unit also comprising second tactile crystal processing means and third radiofrequency signal processing means, wherein the method also includes the following operations when the measured received light level exceeds the predefined light level:

- (k) detecting the activation of each of said at least two electrodes by means of a detector connected to said management unit;
- (l) deactivating said second processing means when simultaneous activation of said at least two electrodes is detected;
- (m) carrying out a measurement of the unwanted frequencies by means of an unwanted frequency sensor connected to the management unit;
- (n) comparing the measured unwanted frequency level to a predefined unwanted frequency level; and
- (o) deactivating said third processing means when the measured unwanted frequency level exceeds the predefined unwanted frequency level.

39. (Currently amended) ~~A-~~The method of determining a user interface of a portable object according to claim 38, wherein it includes a preliminary operation consisting for the user in:

- (p) defining pre-settings for indicating the processing means to be automatically deactivated;

and wherein the measuring or detection operations relating to the user interfaces whose processing means are deactivated, are not carried.

40. (Currently amended) ~~A-The~~ method of determining a user interface of a portable object according to claim 38, wherein it includes the following subsequent operations of:

(q) calculating an interpretation rate of said processing means associated with the selected user interface;

(r) comparing the calculated interpretation rate with a predefined minimum interpretation rate; and

(s) deactivating the processing means of the selected user interface if the calculated interpretation rate is less than the minimum interpretation rate,

and wherein the measuring or detection operations relating to the user interfaces whose processing means are not deactivated, are carried out again.

41. (Currently amended) ~~A-The~~ method of determining a user interface of a portable object according to claim 40, further including, if no user interface can be used, an operation consisting in:

(t) warning the user that none of the user interfaces are usable via warning means.

42. (Currently amended) ~~A-The~~ method of determining a user interface of a portable object according to claim 40, wherein periodically the measuring or detection operations relating to the user interfaces whose processing means are not automatically deactivated, are carried out again.

43. (Currently amended) A method of determining a user interface of a portable object according to claim ~~36~~38, wherein if none of the interfaces ~~can~~^{can}-a priori be used, the management unit determines an interface on the basis of a fuzzy logic method.